

Phase II Acid Rain Permit

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Source: Harding Street Station (formerly known as Elmer W. Stout Generating Station)
Address: 3700 South Harding Street, Indianapolis, IN 46217
Operated by: Indianapolis Power and Light
Owned by: Indianapolis Power and Light
ORIS Code: 990
Effective: January 1, 2000 through December 31, 2004

This permit is issued under the provisions of 326 Indiana Administrative Code (IAC) 21.

Operation Permit No.: AR 097-5106-00033	
Issued by: Felicia R. George, Assistant Commissioner Office of Air Management	Issuance Date: December 31, 1997 Expiration Date: December 31, 2004

Revised Operation Permit No.: AAR 097-10326 -00033 Pages Affected: All	
Issued by: Original signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief, Permits Branch Office of Air Quality	Issuance Date: June 17, 2002 Expiration Date: December 31, 2004

Title IV source description: exempt boiler units 1 through 8, oil fired boiler unit 9, oil fired boiler unit 10, tangentially-fired boiler unit 50, tangentially-fired boiler unit 60, tangentially-fired boiler unit 70, natural gas fired turbine units GT4, GT5, and GT6.

1 Statutory and Regulatory Authorities

In accordance with Indiana Code (IC) 13-17-3-4 and IC 13-17-3-11 as well as Title IV of the Clean Air Act, the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) issues this permit pursuant to 326 IAC 2 and 326 IAC 21 (incorporates by reference 40 CFR 72 through 78).

2 Standard Permit Requirements [326 IAC 21]

- (a) The designated representative has submitted a complete acid rain permit application in accordance with the deadlines in 40 CFR 72.30.
- (b) The owners and operators of each affected source and each affected unit shall operate the unit in compliance with this acid rain permit.

3 Monitoring Requirements [326 IAC 21]

- (a) The owners and operators and, to the extent applicable, the designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR 75 and 76.
- (b) The emissions measurements recorded and reported in accordance with 40 CFR 75 shall be used to determine compliance by the unit with the acid rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (c) The requirements of 40 CFR 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Clean Air Act and other provisions of the operating permit for the source.

4 Sulfur Dioxide Requirements [326 IAC 21]

- (a) The owners and operators of each source and each affected unit at the source shall:
 - (1) Hold allowances, as of the allowance transfer deadline (as defined in 40 CFR 72.2), in the unit's compliance subaccount, after deductions under 40 CFR 73.34(c), not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
 - (2) Comply with the applicable acid rain emissions limitations for sulfur dioxide.
- (b) Each ton of sulfur dioxide emitted in excess of the acid rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Clean Air Act.
- (c) An affected unit shall be subject to the requirements under paragraph (a) of the sulfur dioxide requirements as follows:

- (1) starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2); or,
 - (2) starting on the latter of January 1, 2000, or the deadline for monitor certification under 40 CFR 75, an affected unit under 40 CFR 72.6(a)(3).
- (d) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
 - (e) An allowance shall not be deducted in order to comply with the requirements under subcondition (a)(1) of this condition prior to the calendar year for which the allowance was allocated.
 - (f) An allowance allocated by the U.S. EPA under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, an acid rain permit application, an acid rain permit, the acid rain portion of an operating permit, or the written exemption under 40 CFR 72.7, 72.8 and 326 IAC 21, and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
 - (g) An allowance allocated by U.S. EPA under the Acid Rain Program does not constitute a property right.
 - (h) No permit revision may be required for increases in emissions that are authorized by allowances acquired pursuant to the Acid Rain Program, provided that the increases do not require a permit revision under any other applicable requirement. [326 IAC 2-7-5(4)(A)].
 - (i) No limit shall be placed on the number of allowances held by an affected source. An affected source may not, however, use allowances as a defense to noncompliance with any applicable requirement other than the requirements of the Acid Rain Program. [326 IAC 2-7-5(4)(B)]
 - (j) Sulfur dioxide (SO₂) allowances shall be allocated to each unit at the source as follows:

SO ₂ Allowance Allocations for Unit 9					
year	2000	2001	2002	2003	2004
Tons	1*	1*	1*	1*	1*

SO ₂ Allowance Allocations for Unit 10					
year	2000	2001	2002	2003	2004
Tons	2*	2*	2*	2*	2*

SO ₂ Allowance Allocations for Unit 50

year	2000	2001	2002	2003	2004
Tons	1,673*	1,673*	1,673*	1,673*	1,673*

SO ₂ Allowance Allocations for Unit 60

year	2000	2001	2002	2003	2004
tons	2,057*	2,057*	2,057*	2,057*	2,057*

SO ₂ Allowance Allocations for Unit 70

year	2000	2001	2002	2003	2004
Tons	10,177*	10,177*	10,177*	10,177*	10,177*

* The number of allowances allocated to Phase II affected units by U.S. EPA may change in a revision to 40 CFR 73 Tables 2, 3, and 4 and 326 IAC 21. In addition, the number of allowances actually held by an affected source in a unit account may differ from the number allocated by U.S. EPA. Neither of the aforementioned conditions necessitate a revision to the unit SO₂ allowance allocations identified in this permit (See 40 CFR 72.84).

SO ₂ Allowance Allocations for Unit GT4
--

year	2000	2001	2002	2003	2004
tons	NA**	NA**	NA**	NA**	NA**

SO ₂ Allowance Allocations for Unit GT5
--

year	2000	2001	2002	2003	2004
tons	NA**	NA**	NA**	NA**	NA**

SO ₂ Allowance Allocations for Unit GT6
--

year	2000	2001	2002	2003	2004
tons	NA**	NA**	NA**	NA**	NA**

* * These units have no SO₂ allowance allocations from U.S. EPA. The allowances shall be obtained from other sources to account for the SO₂ emissions from these units as required by 40 CFR 72.9(c).

5 Nitrogen Oxides Requirements [326 IAC 21]

- (a) The owners and operators of the source and each affected unit at the source shall comply with the applicable acid rain emissions limitation for nitrogen oxides (NO_x).
- (b) NO_x Emission Averaging Plan for Unit 50:
 - (1) Pursuant to 40 CFR 76.11, the Indiana Department of Environmental Management, Office of Air Quality approves the NO_x emissions averaging plans for this unit. Each plan is effective for one calendar year for the years 2000, 2001, 2002, 2003, and 2004. Under each plan, this unit's NO_x emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.44 lb/mmBtu. In addition, this unit shall not have an annual heat input less than 6,797,000 mmBtu.
 - (2) Under each plan, the actual Btu-weighted annual average NO_x emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NO_x emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit, as specified in (1) above.
 - (3) In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.
- (c) NO_x Emission Averaging Plan for Unit 60:
 - (1) Pursuant to 40 CFR 76.11, the Indiana Department of Environmental Management, Office of Air Quality approves the NO_x emissions averaging plans for this unit. Each plan is effective for one calendar year for the years 2000, 2001, 2002, 2003, and 2004. Under each plan, this unit's NO_x emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.45 lb/mmBtu.
 - (2) Under each plan, the actual Btu-weighted annual average NO_x emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NO_x emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation, as specified in (1) above.
 - (3) In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for

a NO_x compliance plan and requirements covering excess emissions.

(d) NO_x Emission Averaging Plan for Unit 70:

- (1) Pursuant to 40 CFR 76.11, the Indiana Department of Environmental Management, Office of Air Quality approves the NO_x emissions averaging plans for this unit. Each plan is effective for one calendar year for the years 2000, 2001, 2002, 2003, and 2004. Under each plan, this unit's NO_x emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.40 lb/mmBtu. In addition, this unit shall not have an annual heat input less than 25,412,000 mmBtu.
- (2) Under each plan, the actual Btu-weighted annual average NO_x emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NO_x emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit, as specified in (1) above.
- (3) In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.

- (e) Oil fired boiler units 9 and 10, and natural gas fired turbine units GT4, GT5, and GT6 are not subject to nitrogen oxides emissions limitation requirements.

6 Excess Emissions Requirements for Sulfur Dioxide and Nitrogen Oxides[40 CFR 77] [326 IAC 21]

- (a) The designated representative of an affected unit that has excess emissions of sulfur dioxide in any calendar year shall submit a proposed offset plan to U.S. EPA and IDEM, OAQ as required under 40 CFR 77 and 326 IAC 21.
- (b) The designated representative shall submit required information to:

Indiana Department of Environmental Management
Air Compliance Section 1, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

Ms. Cecilia Mijares
Air and Radiation Division
U.S. Environmental Protection Agency, Region V
77 West Jackson Boulevard
Chicago, IL 60604-3590

and

U.S. Environmental Protection Agency
Clean Air Markets Division
1200 Pennsylvania Avenue, NW
Mail Code (6204N)
Washington, DC 20460

- (c) The owners and operators of an affected unit that has excess emissions (as defined in 40 CFR 72.2) in any calendar year shall:
 - (1) Pay to U.S. EPA without demand the penalty required, and pay to U.S. EPA upon demand the interest on that penalty, as required by 40 CFR 77 and 326 IAC 21; and
 - (2) Comply with the terms of an approved sulfur dioxide offset plan, as required by 40 CFR 77 and 326 IAC 21.

7 Record Keeping and Reporting Requirements [326 IAC 21]

- (a) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site each of the following documents for a period of 5 years, as required by 40 CFR 72.9(f), from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by U.S. EPA or IDEM, OAQ:
 - (1) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
 - (2) All emissions monitoring information collected in accordance with 40 CFR 75.54 shall be retained on site for 3 years;
 - (3) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and
 - (4) Copies of all documents used to complete an acid rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.
- (b) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR 72.90 subpart I, 40 CFR 75, and 326 IAC 21.

8 Submissions [326 IAC 21]

- (a) The designated representative shall submit a certificate of representation, and any superseding certificate of representation, to U.S. EPA and IDEM, OAQ in accordance with

40 CFR 72 and 326 IAC 21.

- (b) The designated representative shall submit required information to:

Indiana Department of Environmental Management
Permit Administration Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

U.S. Environmental Protection Agency
Clean Air Markets Division
1200 Pennsylvania Avenue, NW
Mail Code (6204N)
Washington, DC 20460

- (c) Each submission under the Acid Rain Program shall be submitted, signed and certified by the designated representative for all sources on behalf of which the submission is made.
- (d) In each submission under the Acid Rain Program, the designated representative shall certify, by his or her signature the following statements, which shall be included verbatim in the submission:
- (1) "I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made.® and
 - (2) "I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.®
- (e) The designated representative of a source shall serve notice on each owner and operator of the source and of an affected unit at the source:
- (1) By the date of submission, of any Acid Rain Program submissions by the designated representative;
 - (2) Within 10 business days of receipt of a determination, of any written determination by U.S. EPA or IDEM, OAQ; and,
 - (3) Provided that the submission or determination covers the source or the unit.
- (f) The designated representative of a source shall provide each owner and operator of an affected unit at the source a copy of any submission or determination under condition (e) of this section, unless the owner or operator expressly waives the right to receive a copy.

9 Severability [326 IAC 21]

Invalidation of the acid rain portion of an operating permit does not affect the continuing validity of the rest of the operating permit, nor shall invalidation of any other portion of the operating permit affect the continuing validity of the acid rain portion of the permit. [40 CFR 72.72(b), 326 IAC 21, and 326 IAC 2-7-5(5)].

10 Liability [326 IAC 21]

- (a) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete acid rain permit application, an acid rain permit, an acid rain portion of an operation permit, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement by U.S. EPA pursuant to section 113(c) of the Clean Air Act and IDEM pursuant to 326 IAC 21 and IC 13-30-3.
- (b) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Clean Air Act and 18 USC 1001 and shall be subject to criminal enforcement by IDEM pursuant to 326 IAC 21 and IC 13-30-6-2.
- (c) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
- (d) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
- (e) Any provision of the Acid Rain Program that applies to an affected source, including a provision applicable to the designated representative of an affected source, shall also apply to the owners and operators of such source and of the affected units at the source.
- (f) Any provision of the Acid Rain Program that applies to an affected unit, including a provision applicable to the designated representative of an affected unit, shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.44 (Phase II repowering extension plans) and 40 CFR 76.11 (NO_x averaging plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR 75, including 40 CFR 75.16, 75.17, and 75.18, the owners and operators and the designated representative of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
- (g) Each violation of a provision of 40 CFR parts 72, 73, 74, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Clean Air Act.

11 Effect on Other Authorities [326 IAC 21]

No provision of the Acid Rain Program, an acid rain permit application, an acid rain permit, an acid rain portion of an operation permit, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

- (a) Except as expressly provided in Title IV of the Clean Air Act (42 USC 7651 to 7651(o)), exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Clean Air Act, including the provisions of Title I of the Clean Air Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;
- (b) Limiting the number of allowances a unit can hold; provided, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Clean Air Act;
- (c) Requiring a change of any kind in any state law regulating electric utility rates and charges, affecting any state law regarding such state regulation, or limiting such state regulation, including any prudence review requirements under such state law;
- (d) Modifying the Federal Power Act (16 USC 79(a) et seq.) or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
- (e) Interfering with or impairing any program for competitive bidding for power supply in a state in which such a program is established.

1797-10326-00033/DW/Bd/LIT



INDIANAPOLIS POWER & LIGHT COMPANY

August 28, 2001

RECEIVED
SEP 6 2001
State of Indiana
Department of Environmental Management
Office of Air Quality

Via Overnight Mail

U.S. Environmental Protection Agency
Clean Air Markets Division (6204J)
Attn: Designated Representative
501 3rd Street NW
Washington, D.C. 20001

RE: Harding Street Station (formerly E. W. Stout) – ORIS Code 990
Revision to Certificate of Representation

Dear Sir or Madam:

Enclosed is a copy of the revised Certificate of representation for the above-referenced plant. This submittal revises the named Designated Representative and Alternate Designated Representative.

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Please contact Vincent Zehnle at (317) 788-5219 if you have any questions regarding this submittal.

Respectfully,

A handwritten signature in dark ink, appearing to read "P. Buechter".

Paul Buechter
Designated Representative

PB/db/slw

Enclosure

RECEIVED
9/13/01
JH



Certificate of Representation

Page 1

For more information, see instructions and refer to 40 CFR 72.24

This submission is: ☐ New ☒ Revised (revised submissions must be completed in full; see instructions)

This submission includes combustion or process sources under 40 CFR part 74 ☐

STEP 1
Identify the source by
plant name, State, and
ORIS code.

Harding Street Station (formerly Plant Name E. W. Stout)	IN State	990 ORIS Code
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STEP 2
Enter requested
information for the
designated
representative.

Vincent Zehnle Name	
Address Indianapolis Power & Light Company 3700 South Harding Street Indianapolis, IN 46217	
(317) 788-5219 Phone Number	(317) 788-5267 Fax Number
vzehnle@ipalco.com E-mail address (if available)	

STEP 3
Enter requested
information for the
alternate designated
representative, if
applicable.

Mark Lemrick Name	
(317) 788-5230 Phone Number	(317) 788-5267 Fax Number
mlemrick@ipalco.com E-mail address (if available)	

STEP 4
Complete Step 5, read
the certifications, and
sign and date. For a
designated representa-
tive of a combustion or
process source under 40
CFR part 74, the refer-
ences in the certifications
to "affected unit" or
"affected units" also
apply to the combustion
or process source under
40 CFR part 74 and the
references to "affected
source" also apply to
the source at which the
combustion or process
source is located.

I certify that I was selected as the designated representative or alternate designated representative, as applicable, by an agreement binding on the owners and operators of the affected source and each affected unit at the source.

I certify that I have given notice of the agreement, selecting me as the 'designated representative' for the affected source and each affected unit at the source identified in this certificate of representation, in a newspaper of general circulation in the area where the source is located or in a State publication designed to give general public notice.

I certify that I have all necessary authority to carry out my duties and responsibilities under the Acid Rain Program on behalf of the owners and operators of the affected source and of each affected unit at the source and that each such owner and operator shall be fully bound by my actions, inactions, or submissions.

I certify that I shall abide by any fiduciary responsibilities imposed by the agreement by which I was selected as designated representative or alternate designated representative, as applicable.

I certify that the owners and operators of the affected source and of each affected unit at the source shall be bound by any order issued to me by the Administrator, the permitting authority, or a court regarding the source or unit.

Where there are multiple holders of a legal or equitable title to, or a leasehold interest in, an affected unit, or where a utility or industrial customer purchases power from an affected unit under life-of-the-unit, firm power contractual arrangements, I certify that:

I have given a written notice of my selection as the designated representative or alternate designated representative, as applicable, and of the agreement by which I was selected to each owner and operator of the affected source and of each affected unit at the source; and

Allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in proportion to each holder's legal, equitable, leasehold, or contractual reservation or entitlement or, if such multiple holders have expressly provided for a different distribution of allowances by contract, that allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in accordance with the contract.

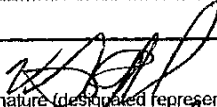
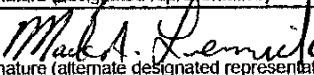
The agreement by which I was selected as the alternate designated representative, if applicable, includes a procedure for the owners and operators of the source and affected units at the source to authorize the alternate designated representative to act in lieu of the designated representative.

Harding Street Station (formerly
Plant Name (from Step 1) E. W. Stout)

Certificate - Page 2

Page 2 of 2

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

	Date 8-28-01
Signature (designated representative)	
	Date 8-28-01
Signature (alternate designated representative)	

STEP 5
Provide the name of every owner and operator of the source and identify each affected unit (or combustion or process source) they own and/or operate.

Indianapolis Power & Light Company					<input checked="" type="checkbox"/> Owner	<input checked="" type="checkbox"/> Operator
Name						
ID# 9	ID# 10	ID# 50	ID# 60	ID# 70	ID# GT-4	ID# GT-5
ID# GT-6	ID#	ID#	ID#	ID#	ID#	ID#

					<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
Name						
ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#

					<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
Name						
ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#

					<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
Name						
ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#

097-11375-00033

October 21, 1998

STEPHEN M. POWELL
DESIGNATED REPRESENTATIVE
INDIANAPOLIS POWER & LIGHT COMPANY

Ms. Janet McCabe
Assistant Administrator
Office of Air Management
Indiana Department of Environmental Management
100 North Senate Avenue
P.O. Box 6015
Indianapolis, IN 46206-6015

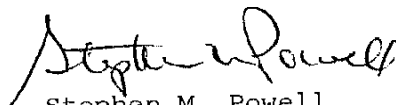
RE: E.W. Stout Plant
Revised Phase II Acid Rain Permit Application

Dear Ms. McCabe:

Indianapolis Power & Light Company (IPL) hereby submits a revised Phase II Acid Rain permit application for the E.W. Stout Plant as required under 40 CFR 72.30. IPL is planning to construct a new gas turbine unit (GT-6) at the E.W. Stout Plant site and understands that a revised acid rain permit application will be required to accommodate the new generating unit. Enclosed, please find an acid rain permit application containing all pertinent information.

Please contact Dan Adams at (317) 261-8602 if you should have any questions regarding this submittal.

Sincerely,



Stephen M. Powell
Designated Representative

Enclosure:

cc: Mr. Robert Miller, U.S. EPA, Acid Rain Division.
Ms. Cecilia Mijares, U.S. EPA Region V, Air & Radiation Division.
Mr. Doug Wagner, IDEM/OAM.



Phase II Permit Application

Page 1

For more information, see instructions and refer to 40 CFR 72.30 and 72.31

This submission is: ☐ New ☒ Revised

STEP 1

Identify the source by plant name, State, and ORIS code from NADB

Plant Name	E. W. Stout	State	IN	ORIS Code	990
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STEP 2

Enter the boiler ID# from NADB for each affected unit, and indicate whether a repowering plan is being submitted for the unit by entering "yes" or "no" at column c. For new units, enter the requested information in columns d and e

a	Compliance Plan		d	e
	b	c		
Boiler ID#	Unit Will Hold Allowances in Accordance with 40 CFR 72.9(c)(1)	Repowering Plan	New Units Commence Operation Date	New Units Monitor Certification Deadline
9	Yes	No	-	-
10	Yes	No	-	-
50	Yes	No	-	-
60	Yes	No	-	-
70	Yes	No	-	-
GT-4	Yes	No	-	-
GT-5	Yes	No	-	-
GT-6	Yes	No	5/2000	8/2000
	Yes			
	Yes			
	Yes			
	Yes			

STEP 3

Check the box if the response in column c of Step 2 is "Yes" for any unit

☐ For each unit that will be repowered, the Repowering Extension Plan form is included and the Repowering Technology Petition form has been submitted or will be submitted by June 1, 1997.

Plant Name (from Step 1)	E. W. Stout
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STEP 4
Read the standard requirements and certification, enter the name of the designated representative, and sign and date

Standard Requirements

Permit Requirements

- (1) The designated representative of each affected source and each affected unit at the source shall:
 - (i) Submit a complete Acid Rain permit application (including a compliance plan) under 40 CFR part 72 in accordance with the deadlines specified in 40 CFR 72.30; and
 - (ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit;
- (2) The owners and operators of each affected source and each affected unit at the source shall:
 - (i) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority; and
 - (ii) Have an Acid Rain Permit.

Monitoring Requirements

- (1) The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR parts 74, 75, and 76.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (3) The requirements of 40 CFR parts 74 and 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements

- (1) The owners and operators of each source and each affected unit at the source shall:
 - (i) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 75.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
 - (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (3) An affected unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
 - (i) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2); or
 - (ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an affected unit under 40 CFR 72.6(a)(3).
- (4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1)(i) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
- (6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements

- (1) The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
- (2) The owners and operators of an affected unit that has excess emissions in any calendar year shall:
 - (i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
 - (ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements

- (1) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority:
 - (i) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
 - (ii) All emissions monitoring information, in accordance with 40 CFR part 75;
 - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,

Plant Name (from Step 1)

E. W. Stout

Recordkeeping and Reporting Requirements (cont.)

(iv) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.

(2) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability.

(1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.

(2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.

(3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.

(4) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.

(5) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.

(6) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.44 (Phase II repowering extension plans) and 40 CFR 76.11 (NO_x averaging plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR part 75 (including 40 CFR 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.

(7) Each violation of a provision of 40 CFR parts 72, 73, 74, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities. No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

(1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;

(2) Limiting the number of allowances a unit can hold; *provided*, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act;

(3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law;

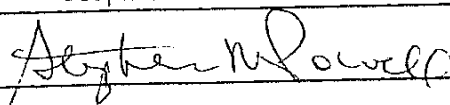
(4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,

(5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Stephen M. Powell



10-21-88

STEP 5 (optional)
Enter the source AIRS
and FINDS identification
numbers, if known

AIRS No. 097-00033



Retired Unit Exemption

For more information, see instructions and refer to 40 CFR 72.8

This submission is: ☒ New ☐ Revised

STEP 1

Identify the unit that is or will be retired by plant name, State, and ORIS Code and boiler ID# from NADB.

Plant Name	Elmer W. Stout	State	IN	ORIS Code	990	Boiler ID#	1
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STEP 2

Check one box to indicate the deadline for this application.

- ☒ This petition is being submitted on or before the deadline for submitting an Acid Rain permit application for Phase II.
- ☐ The unit has a Phase II permit. This petition is being submitted on or before the deadline for reapplying for the permit.

STEP 3

Read the certification and enter the actual or expected date of retirement of the unit.

I certify that this unit is or will be permanently retired on the date specified in this petition and will not emit any sulfur dioxide or nitrogen oxides after such date. The date for the permanent retirement of this unit is or will be:

12/31/86 mm/dd/yy

STEP 4

Indicate that the required information is attached.

- ☒ A description of any actions that have been or will be taken and that provide the basis for the certification in Step 3.

STEP 5

Read the special provisions and the certifications, and sign and date.

Special Provisions

- (1) A unit exempted under 40 CFR 72.8 shall not emit any sulfur dioxide and nitrogen oxides starting on the date it is exempted.
- (2) The owners and operators of a unit exempted under 40 CFR 72.8 shall comply with monitoring requirements in accordance with part 75 and will be allocated allowances in accordance with 40 CFR part 73.
- (3) A unit exempted under 40 CFR 72.8 shall not resume operation unless the designated representative of the source that includes the unit submits an Acid Rain permit application for the unit not less than 24 months prior to the later of January 1, 2000, or the date the unit is to resume operation. On the earlier of the date the written exemption expires or the date an Acid Rain permit application is submitted or is required to be submitted under this paragraph (3), the unit shall no longer be exempted and shall be subject to all requirements of 40 CFR part 72.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name	James L. Martin
Signature	<i>James L. Martin</i>
Date	12/29/86



Retired Unit Exemption

For more information, see instructions and refer to 40 CFR 72.8

This submission is: ☒ New ☐ Revised

STEP 1
Identify the unit that is or will be retired by plant name, State, and ORIS Code and boiler ID# from NADB.

Plant Name Elmer W. Stout	State IN	990 ORIS Code	Boiler ID# 2
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STEP 2
Check one box to indicate the deadline for this application.

- ☒ This petition is being submitted on or before the deadline for submitting an Acid Rain permit application for Phase II.
- ☐ The unit has a Phase II permit. This petition is being submitted on or before the deadline for reapplying for the permit.

STEP 3
Read the certification and enter the actual or expected date of retirement of the unit.

I certify that this unit is or will be permanently retired on the date specified in this petition and will not emit any sulfur dioxide or nitrogen oxides after such date. The date for the permanent retirement of this unit is or will be:

12/31/86 mm/dd/yy

STEP 4
Indicate that the required information is attached.

- ☒ A description of any actions that have been or will be taken and that provide the basis for the certification in Step 3.

STEP 5
Read the special provisions and the certifications, and sign and date.

Special Provisions

- (1) A unit exempted under 40 CFR 72.8 shall not emit any sulfur dioxide and nitrogen oxides starting on the date it is exempted.
- (2) The owners and operators of a unit exempted under 40 CFR 72.8 shall comply with monitoring requirements in accordance with part 75 and will be allocated allowances in accordance with 40 CFR part 73.
- (3) A unit exempted under 40 CFR 72.8 shall not resume operation unless the designated representative of the source that includes the unit submits an Acid Rain permit application for the unit not less than 24 months prior to the later of January 1, 2000, or the date the unit is to resume operation. On the earlier of the date the written exemption expires or the date an Acid Rain permit application is submitted or is required to be submitted under this paragraph (3), the unit shall no longer be exempted and shall be subject to all requirements of 40 CFR part 72.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name James L. Martin	
Signature <i>James L. Martin</i>	Date 12/29, 1998



Retired Unit Exemption

For more information, see instructions and refer to 40 CFR 72.8

This submission is: ☒ New ☐ Revised

STEP 1

Identify the unit that is or will be retired by plant name, State, and ORIS Code and boiler ID# from NADB.

Plant Name	Elmer W. Stout	State	IN	990 ORIS Code	Boiler ID# 3
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STEP 2

Check one box to indicate the deadline for this application.

- ☒ This petition is being submitted on or before the deadline for submitting an Acid Rain permit application for Phase II.
- ☐ The unit has a Phase II permit. This petition is being submitted on or before the deadline for reapplying for the permit.

STEP 3

Read the certification and enter the actual or expected date of retirement of the unit.

I certify that this unit is or will be permanently retired on the date specified in this petition and will not emit any sulfur dioxide or nitrogen oxides after such date. The date for the permanent retirement of this unit is or will be:

12/31/86 mm/dd/yy

STEP 4

Indicate that the required information is attached.

- ☒ A description of any actions that have been or will be taken and that provide the basis for the certification in Step 3.

STEP 5

Read the special provisions and the certifications, and sign and date.

Special Provisions

- (1) A unit exempted under 40 CFR 72.8 shall not emit any sulfur dioxide and nitrogen oxides starting on the date it is exempted.
- (2) The owners and operators of a unit exempted under 40 CFR 72.8 shall comply with monitoring requirements in accordance with part 75 and will be allocated allowances in accordance with 40 CFR part 73.
- (3) A unit exempted under 40 CFR 72.8 shall not resume operation unless the designated representative of the source that includes the unit submits an Acid Rain permit application for the unit not less than 24 months prior to the later of January 1, 2000, or the date the unit is to resume operation. On the earlier of the date the written exemption expires or the date an Acid Rain permit application is submitted or is required to be submitted under this paragraph (3), the unit shall no longer be exempted and shall be subject to all requirements of 40 CFR part 72.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name	James L. Martin
Signature	<i>James L. Martin</i>
Date	Nov 29, 1995



Retired Unit Exemption

For more information, see instructions and refer to 40 CFR 72.8

This submission is: ☒ New ☐ Revised

STEP 1

Identify the unit that is or will be retired by plant name, State, and ORIS Code and boiler ID# from NADB.

Plant Name Elmer W. Stout	State IN	990 ORIS Code	Boiler ID# 4
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STEP 2

Check one box to indicate the deadline for this application.

- ☒ This petition is being submitted on or before the deadline for submitting an Acid Rain permit application for Phase II.
- ☐ The unit has a Phase II permit. This petition is being submitted on or before the deadline for reapplying for the permit.

STEP 3

Read the certification and enter the actual or expected date of retirement of the unit.

I certify that this unit is or will be permanently retired on the date specified in this petition and will not emit any sulfur dioxide or nitrogen oxides after such date. The date for the permanent retirement of this unit is or will be:

12/31/86 mm/dd/yy

STEP 4

Indicate that the required information is attached.

- ☒ A description of any actions that have been or will be taken and that provide the basis for the certification in Step 3.

STEP 5

Read the special provisions and the certifications, and sign and date.

Special Provisions

- (1) A unit exempted under 40 CFR 72.8 shall not emit any sulfur dioxide and nitrogen oxides starting on the date it is exempted.
- (2) The owners and operators of a unit exempted under 40 CFR 72.8 shall comply with monitoring requirements in accordance with part 75 and will be allocated allowances in accordance with 40 CFR part 73.
- (3) A unit exempted under 40 CFR 72.8 shall not resume operation unless the designated representative of the source that includes the unit submits an Acid Rain permit application for the unit not less than 24 months prior to the later of January 1, 2000, or the date the unit is to resume operation. On the earlier of the date the written exemption expires or the date an Acid Rain permit application is submitted or is required to be submitted under this paragraph (3), the unit shall no longer be exempted and shall be subject to all requirements of 40 CFR part 72.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name James L. Martin	
Signature <i>James L. Martin</i>	Date 12/29, 1995



Retired Unit Exemption

For more information, see instructions and refer to 40 CFR 72.8

This submission is: ☒ New ☐ Revised

STEP 1

Identify the unit that is or will be retired by plant name, State, and ORIS Code and boiler ID# from NAOB.

Plant Name	Elmer W. Stout	State	IN	990 ORIS Code	Boiler ID# 5
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STEP 2

Check one box to indicate the deadline for this application.

- ☒ This petition is being submitted on or before the deadline for submitting an Acid Rain permit application for Phase II.
- ☐ The unit has a Phase II permit. This petition is being submitted on or before the deadline for reapplying for the permit.

STEP 3

Read the certification and enter the actual or expected date of retirement of the unit.

I certify that this unit is or will be permanently retired on the date specified in this petition and will not emit any sulfur dioxide or nitrogen oxides after such date. The date for the permanent retirement of this unit is or will be:

12/31/86

mm/dd/yy

STEP 4

Indicate that the required information is attached.

- ☒ A description of any actions that have been or will be taken and that provide the basis for the certification in Step 3.

STEP 5

Read the special provisions and the certifications, and sign and date.

Special Provisions

- (1) A unit exempted under 40 CFR 72.8 shall not emit any sulfur dioxide and nitrogen oxides starting on the date it is exempted.
- (2) The owners and operators of a unit exempted under 40 CFR 72.8 shall comply with monitoring requirements in accordance with part 75 and will be allocated allowances in accordance with 40 CFR part 73.
- (3) A unit exempted under 40 CFR 72.8 shall not resume operation unless the designated representative of the source that includes the unit submits an Acid Rain permit application for the unit not less than 24 months prior to the later of January 1, 2000, or the date the unit is to resume operation. On the earlier of the date the written exemption expires or the date an Acid Rain permit application is submitted or is required to be submitted under this paragraph (3), the unit shall no longer be exempted and shall be subject to all requirements of 40 CFR part 72.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name	James L. Martin	Date	12/29, 1995
Signature	<i>James L. Martin</i>	Date	



Retired Unit Exemption

For more information, see instructions and refer to 40 CFR 72.8

This submission is: ☒ New ☐ Revised

STEP 1

Identify the unit that is or will be retired by plant name, State, and ORIS Code and boiler ID# from NADES.

Plant Name	Elmer W. Stout	State	IN	ORIS Code	990	Boiler ID#	6
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STEP 2

Check one box to indicate the deadline for this application.

- ☒ This petition is being submitted on or before the deadline for submitting an Acid Rain permit application for Phase II.
- ☐ The unit has a Phase II permit. This petition is being submitted on or before the deadline for reapplying for the permit.

STEP 3

Read the certification and enter the actual or expected date of retirement of the unit.

I certify that this unit is or will be permanently retired on the date specified in this petition and will not emit any sulfur dioxide or nitrogen oxides after such date. The date for the permanent retirement of this unit is or will be:

12/31/86 mm/dd/yy

STEP 4

Indicate that the required information is attached.

- ☒ A description of any actions that have been or will be taken and that provide the basis for the certification in Step 3.

STEP 5

Read the special provisions and the certifications, and sign and date.

Special Provisions

- (1) A unit exempted under 40 CFR 72.8 shall not emit any sulfur dioxide and nitrogen oxides starting on the date it is exempted.
- (2) The owners and operators of a unit exempted under 40 CFR 72.8 shall comply with monitoring requirements in accordance with part 75 and will be allocated allowances in accordance with 40 CFR part 73.
- (3) A unit exempted under 40 CFR 72.8 shall not resume operation unless the designated representative of the source that includes the unit submits an Acid Rain permit application for the unit not less than 24 months prior to the later of January 1, 2000, or the date the unit is to resume operation. On the earlier of the date the written exemption expires or the date an Acid Rain permit application is submitted or is required to be submitted under this paragraph (3), the unit shall no longer be exempted and shall be subject to all requirements of 40 CFR part 72.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name	James L. Martin
Signature	<i>James L. Martin</i>
Date	12/29/95



Retired Unit Exemption

For more information, see instructions and refer to 40 CFR 72.8

This submission is: ☒ New ☐ Revised

STEP 1

Identify the unit that is or will be retired by plant name, State, and ORIS Code and boiler ID# from NADS.

Plant Name Elmer W. Stout	State IN	ORIS Code	Boiler ID# 7
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STEP 2

Check one box to indicate the deadline for this application.

- ☒ This petition is being submitted on or before the deadline for submitting an Acid Rain permit application for Phase II.
- ☐ The unit has a Phase II permit. This petition is being submitted on or before the deadline for reapplying for the permit.

STEP 3

Read the certification and enter the actual or expected date of retirement of the unit.

I certify that this unit is or will be permanently retired on the date specified in this petition and will not emit any sulfur dioxide or nitrogen oxides after such date. The date for the permanent retirement of this unit is or will be:

12/31/86

mm/dd/yy

STEP 4

Indicate that the required information is attached.

- ☒ A description of any actions that have been or will be taken and that provide the basis for the certification in Step 3.

STEP 5

Read the special provisions and the certifications, and sign and date.

Special Provisions

- (1) A unit exempted under 40 CFR 72.8 shall not emit any sulfur dioxide and nitrogen oxides starting on the date it is exempted.
- (2) The owners and operators of a unit exempted under 40 CFR 72.8 shall comply with monitoring requirements in accordance with part 75 and will be allocated allowances in accordance with 40 CFR part 73.
- (3) A unit exempted under 40 CFR 72.8 shall not resume operation unless the designated representative of the source that includes the unit submits an Acid Rain permit application for the unit not less than 24 months prior to the later of January 1, 2000, or the date the unit is to resume operation. On the earlier of the date the written exemption expires or the date an Acid Rain permit application is submitted or is required to be submitted under this paragraph (3), the unit shall no longer be exempted and shall be subject to all requirements of 40 CFR part 72.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name James L. Martin	Date 12/29/1995
Signature <i>James L. Martin</i>	Date



Retired Unit Exemption

For more information, see instructions and refer to 40 CFR 72.8

This submission is: ☒ New ☐ Revised

STEP 1

Identify the unit that is or will be retired by plant name, State, and ORIS Code and boiler ID# from NADB.

Plant Name Elmer W. Stout	State IN	990 ORIS Code	Boiler ID# 8
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STEP 2

Check one box to indicate the deadline for this application.

- ☒ This petition is being submitted on or before the deadline for submitting an Acid Rain permit application for Phase II.
- ☐ The unit has a Phase II permit. This petition is being submitted on or before the deadline for reapplying for the permit.

STEP 3

Read the certification and enter the actual or expected date of retirement of the unit.

I certify that this unit is or will be permanently retired on the date specified in this petition and will not emit any sulfur dioxide or nitrogen oxides after such date. The date for the permanent retirement of this unit is or will be:

12/31/86 mm/dd/yy

STEP 4

Indicate that the required information is attached.

- ☒ A description of any actions that have been or will be taken and that provide the basis for the certification in Step 3.

STEP 5

Read the special provisions and the certifications, and sign and date.

Special Provisions

- (1) A unit exempted under 40 CFR 72.8 shall not emit any sulfur dioxide and nitrogen oxides starting on the date it is exempted.
- (2) The owners and operators of a unit exempted under 40 CFR 72.8 shall comply with monitoring requirements in accordance with part 75 and will be allocated allowances in accordance with 40 CFR part 73.
- (3) A unit exempted under 40 CFR 72.8 shall not resume operation unless the designated representative of the source that includes the unit submits an Acid Rain permit application for the unit not less than 24 months prior to the later of January 1, 2000, or the date the unit is to resume operation. On the earlier of the date the written exemption expires or the date an Acid Rain permit application is submitted or is required to be submitted under this paragraph (3), the unit shall no longer be exempted and shall be subject to all requirements of 40 CFR part 72.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name James L. Martin	Date 12/29/1995
Signature <i>James L. Martin</i>	

IPL
INDIANAPOLIS POWER & LIGHT COMPANY

*Don
Harrell*

December 15, 1997

RECEIVED

Ms. Felicia George
Assistant Commissioner
Office of Air Management
Indiana Department of Environmental Management
100 N. Senate Ave.
P. O. Box 6015
Indianapolis, Indiana 46206-6015

DEC 1 1997

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT

Re: Phase II NOx Compliance Plans, and Phase II NOx Averaging Plan
IPL Petersburg, E. W. Stout, and H. T. Fritchard Plants

Dear Ms. George:

Pursuant to the requirements under 40 CFR Part 76, Indianapolis Power & Light Company (IPL) hereby submits the Phase II NO_x Compliance Plans for Petersburg Units 1, 2, 3, and 4; E.W. Stout Units 50, 60, and 70; and H.T. Fritchard Units 3, 4, 5, and 6. A NO_x Emissions Averaging Plan is also being submitted. The NO_x Emission Averaging Plan has been developed for purposes of complying with the NO_x emission limitations specified under 40 CFR Part 76. A copy of this plan is attached to each of the enclosed Phase II NO_x Compliance Plan forms.

Please contact Paul G. Buechter at (317)-261-8184, or myself at (317)-261-8369, or FAX (317)-261-8533 if you have any questions regarding this information.

Sincerely,

Stephen M. Powell

Stephen M. Powell
Designated Representative

Enclosures:

XC: USEPA Acid Rain Program
Mr. Peter J. Rasor, Indianapolis ERMD (E.W. Stout plant only)



Phase II NO_x Compliance Plan

Page 1 of 2

For more information, see instructions and refer to 40 CFR 76.9

This submission is: ☒ New ☐ Revised

STEP 1

Indicate plant name, State, and ORIS code from NADB, if applicable

Plant Name E.W. STOUT	IN State	990 ORIS Code
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STEP 2

Identify each affected Group 1 and Group 2 boiler using the boiler ID# from NADB, if applicable. Indicate boiler type: "CB" for cell burner, "CY" for cyclone, "DBW" for dry bottom wall-fired, "T" for tangentially fired, "V" for vertically fired, and "WB" for wet bottom. Indicate the compliance option selected for each unit.

	ID# 50 Type T	ID# 60 Type T	ID# 70 Type T	ID# Type	ID# Type	ID# Type
(a) Standard annual average emission limitation of 0.50 lb/mmBtu (for Phase I dry bottom wall-fired boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(b) Standard annual average emission limitation of 0.45 lb/mmBtu (for Phase I tangentially fired boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(c) EPA-approved early election plan under 40 CFR 76.8 through 12/31/97 (also indicate above emission limit specified in plan)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(d) Standard annual average emission limitation of 0.44 lb/mmBtu (for Phase II dry bottom wall-fired boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(e) Standard annual average emission limitation of 0.40 lb/mmBtu (for Phase II tangentially fired boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(f) Standard annual average emission limitation of 0.68 lb/mmBtu (for cell burner boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(g) Standard annual average emission limitation of 0.86 lb/mmBtu (for cyclone boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(h) Standard annual average emission limitation of 0.80 lb/mmBtu (for vertically fired boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(i) Standard annual average emission limitation of 0.84 lb/mmBtu (for wet bottom boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(j) NO _x Averaging Plan (include NO _x Averaging form)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(k) Common stack pursuant to 40 CFR 75.17(a)(2)(i)(A) (check the standard emission limitation box above for most stringent limitation applicable to any unit utilizing stack)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(l) Common stack pursuant to 40 CFR 75.17(a)(2)(i)(B) with NO _x Averaging (check the NO _x Averaging Plan box and include NO _x Averaging form)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Plant Name (from Step 1) E.W. STOUT
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NO_x Compliance - Page 2
Page **2** of **2**

STEP 2, cont'd.

ID# 50	ID# 60	ID# 70	ID#	ID#	ID#
Type T	Type T	Type T	Type	Type	Type

(m) EPA-approved common stack apportionment method pursuant to 40 CFR 75.17 (a)(2)(ii)(C), (a)(2)(iii)(B), or (b)(2)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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(n) AEL (include Phase II AEL Demonstration Period, Final AEL Petition, or AEL Renewal form as appropriate)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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(o) Petition for AEL demonstration period or final AEL under review by U.S. EPA or demonstration period ongoing

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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(p) Repowering extension plan approved or under review

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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STEP 3
Read the standard requirements and certification, enter the name of the designated representative, sign &

Standard Requirements

General: This source is subject to the standard requirements in 40 CFR 72.9 (consistent with 40 CFR 76.8(e)(1)(i)). These requirements are listed in this source's Acid Rain Permit.

Special Provisions for Early Election Units

Nitrogen Oxides: A unit that is governed by an approved early election plan shall be subject to an emissions limitation for NO_x as provided under 40 CFR 76.8(a)(2) except as provided under 40 CFR 76.8(e)(3)(iii).

Liability: The owners and operators of a unit governed by an approved early election plan shall be liable for any violation of the plan or 40 CFR 76.8 at that unit. The owners and operators shall be liable, beginning January 1, 2000, for fulfilling the obligations specified in 40 CFR Part 77.

Termination: An approved early election plan shall be in effect only until the earlier of January 1, 2008 or January 1 of the calendar year for which a termination of the plan takes effect. If the designated representative of the unit under an approved early election plan fails to demonstrate compliance with the applicable emissions limitation under 40 CFR 76.8 for any year during the period beginning January 1 of the first year the early election takes effect and ending December 31, 2007, the permitting authority will terminate the plan. The termination will take effect beginning January 1 of the year after the year for which there is a failure to demonstrate compliance, and the designated representative may not submit a new early election plan. The designated representative of the unit under an approved early election plan may terminate the plan any year prior to 2008 but may not submit a new early election plan. In order to terminate the plan, the designated representative must submit a notice under 40 CFR 72.40(d) by January 1 of the year for which the termination is to take effect. If an early election plan is terminated any year prior to 2000, the unit shall meet, beginning January 1, 2000, the applicable emissions limitation for NO_x for Phase II units with Group 1 boilers under 40 CFR 76.7. If an early election plan is terminated on or after 2000, the unit shall meet, beginning on the effective date of the termination, the applicable emissions limitation for NO_x for Phase II units with Group 1 boilers under 40 CFR 76.7.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name STEPHEN M. POWELL	
Signature <i>Stephen M Powell</i>	Date 12/15/97



Phase II NO_x Averaging Plan

For more information, see instructions and refer to 40 CFR 76.11

This submission is ☒ New ☐ Revised

Page 1

Page 1 of 3

STEP 1

Identify the units participating in this averaging plan by plant name, State, and boiler ID# from NADB. In column (a), fill in each unit's applicable emission limitation from 40 CFR 76.5, 76.6, or 76.7. In column (b), assign an alternative contemporaneous annual emissions limitation in lb/mmBtu to each unit. In column (c), assign an annual heat input limitation in mmBtu to each unit. Continue to page 3 if necessary.

Plant Name	State	ID#	(a) Emission Limitation	(b) Alt. Contemp. Emission Limitation	(c) Annual Heat Input Limit
H.T. PRITCHARD	IN	3	0.45	0.76	2522000
H.T. PRITCHARD	IN	4	0.45	0.76	2853000
H.T. PRITCHARD	IN	5	0.45	0.44	2790000
H.T. PRITCHARD	IN	6	0.45	0.44	5234000
E.W. STOUT	IN	50	0.45	0.44	6797000
E.W. STOUT	IN	60	0.45	0.45	5422000
E.W. STOUT	IN	70	0.45	0.40	25412000
PETERSBURG	IN	1	0.45	0.35	17303000
PETERSBURG	IN	2	0.45	0.45	32809000

STEP 2

Use the formula to enter the Btu-weighted annual emission rate averaged over the units if they are operated in accordance with the proposed averaging plan and the Btu-weighted annual average emission rate for the same units if they are operated in compliance with 40 CFR 76.5, 76.6, or 76.7. The former must be less than or equal to the latter.

Btu-weighted annual emission rate averaged over the units if they are operated in accordance with the proposed averaging plan

0.44

$$\frac{\sum_{i=1}^n (R_{ai} \times HI_i)}{\sum_{i=1}^n HI_i}$$

Btu-weighted annual average emission rate for same units operated in compliance with 40 CFR 76.5, 76.6 or 76.7

0.45

$$\frac{\sum_{i=1}^n [R_{li} \times HI_i]}{\sum_{i=1}^n HI_i}$$

Where

- R_{ai} = Alternative contemporaneous annual emission limitation for unit i, in lb/mmBtu, as specified in column (b) of Step 1;
 R_{li} = Applicable emission limitation for unit i, in lb/mmBtu, as specified in column (a) of Step 1;
 HI_i = Annual heat input for unit i, in mmBtu, as specified in column (c) of Step 1;
 n = Number of units in the averaging plan

Plant Name (from Step 1)

NO_x Averaging - Page 3

STEP 1

Continue the identification of units from Step 1, page 1, here.

[illegible]

Plant Name (from Step 1)

NO_x Averaging - Page 2

STEP 3

Mark one of the two options and enter dates.

☐ This plan is effective for calendar year _____ through calendar year _____ unless notification to terminate the plan is given.

☒ Treat this plan as 5 identical plans, each effective for one calendar year for the following calendar years: 2000, 2001, 2002, 2003 and 2004, unless notification to terminate one or more of these plans is given.

STEP 4

Read the special provisions and certification, enter the name of the designated representative, and sign and date.

Special Provisions

Emission Limitations

Each affected unit in an approved averaging plan is in compliance with the Acid Rain emission limitation for NO_x under the plan only if the following requirements are met:

- (i) For each unit, the unit's actual annual average emission rate for the calendar year, in lb/mmBtu, is less than or equal to its alternative contemporaneous annual emission limitation in the averaging plan, and
 - (a) For each unit with an alternative contemporaneous emission limitation less stringent than the applicable emission limitation in 40 CFR 76.5, 76.6, or 76.7, the actual annual heat input for the calendar year does not exceed the annual heat input limit in the averaging plan.
 - (b) For each unit with an alternative contemporaneous emission limitation more stringent than the applicable emission limitation in 40 CFR 76.5, 76.6, or 76.7, the actual annual heat input for the calendar year is not less than the annual heat input limit in the averaging plan, or
- (ii) If one or more of the units does not meet the requirements of (i), the designated representative shall demonstrate in accordance with 40 CFR 76.11(d)(1)(ii)(A) and (B), that the actual Btu-weighted annual average emission rate for the units in the plan is less than or equal to the Btu-weighted annual average rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations in 40 CFR 76.5, 76.6, or 76.7.
- (iii) If there is a successful group showing of compliance under 40 CFR 76.11(d)(1)(ii)(A) and (B) for a calendar year, then all units in the averaging plan shall be deemed to be in compliance for that year with their alternative contemporaneous emission limitations and annual heat input limits under (i).

Liability

The owners and operators of a unit governed by an approved averaging plan shall be liable for any violation of the plan or this section at that unit or any other unit in the plan, including liability for fulfilling the obligations specified in part 77 of this chapter and sections 113 and 411 of the Act.

Termination

The designated representative may submit a notification to terminate an approved averaging plan, in accordance with 40 CFR 72.40(d), no later than October 1 of the calendar year for which the plan is to be terminated.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name	STEPHEN M. POWELL	
Signature	<i>Stephen M. Powell</i>	Date 12/15/97

**Indiana Department of Environmental Management
Office of Air Quality**

Addendum to the Draft
Phase II Permit

Source Name: Harding Street Station (formerly known as Elmer W. Stout Generating Station)
Source Location: 3700 S. Harding Street, Indianapolis, IN 46217
ORIS Code: 990
Acid Rain Permit No.: AAR 097-10326 - 00033
Permit Reviewer: Doug Wagner

On December 23, 1998, the Indiana Department of Environmental Management (IDEM), Office of Air Management (now known as the Office of Air Quality or OAQ) published a notice in the Indianapolis Star and News in Indianapolis, Indiana, stating that the Title IV Phase II permit numbered AR 097-5106-00033 for Indianapolis Power and Light Company's Elmer W. Stout Generating Station (now known as the Harding Street Station), issued on December 31, 1997, would be amended by permit numbered AAR 097-10326-00033. The notice stated where the draft permit could be reviewed along with other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments to IDEM, OAQ regarding the draft permit.

IDEM, OAQ received comments from the operator regarding the amendment. IDEM did not receive any other comments. IDEM, OAQ did not receive any other comments. As a result of the comments, and in order to further clarify and update the terms of the permit, IDEM, OAQ notes the following comments, responses to the comments, and changes to the draft permit.

The "Office of Air Management (OAM)" is being replaced by "Office of Air Quality (OAQ)" throughout the permit. The source's name change from the Elmer W. Stout Generating Station to the Harding Street Station is reflected throughout the permit. The designation "Section E" has been removed from page 2 and the corresponding E.1 designation has been removed from the numbering system of each permit condition. Where appropriate, other changes in the permit are set out below with deleted words indicated by ~~this font~~ and words that have been added Indicated by **this font**.

On January 19, 1999, Indianapolis Power and Light submitted comments regarding the draft Phase II permit. The summary of the comments and OAQ staff responses is as follows:

Company Comment: Condition 3, Monitoring Requirements

The reference to 40 CFR 74 should be deleted from the first and third paragraphs. All units listed in the permit are affected sources and the Acid Rain Opt-in does not apply.

OAQ Staff Response

Acid Rain Opt-in does not apply to affected sources. Therefore, 40 CFR 74 in Paragraphs (a) and (c) will be deleted. The following changes have been made to condition 3 of the permit:

3 Monitoring Requirements [326 IAC 21]

- (a) The owners and operators and, to the extent applicable, the designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR ~~74~~, 75, and 76.
- (b) . . .
- (c) The requirements of 40 CFR ~~74 and~~ 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Clean Air Act and other provisions of the operating permit for the source.

Company Comment: Condition 4, Sulfur Dioxide Requirements

Under condition 4, Sulfur Dioxide Requirements [326 IAC 21], the paragraph, "Hold allowances, as of the allowance transfer deadline (as defined in 40 CFR 73.35), in the unit's compliance subaccount, after deductions under 40 CFR 73.34(c), not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit," is duplicated in the next condition.

OAQ Staff Response

The repetitious phrase has been deleted.

Company Comment: Condition 4, Sulfur Dioxide Requirements

The sulfur dioxide allowances for Units 9 (1 ton) and 10 (2 tons) should be added to the permit for the years 2000-2004. Those allowances are specified in U.S. EPA's September 28, 1998 final rules action (63 FR 51728).

OAQ Staff Response

The sulfur dioxide allowances for have been adjusted in accordance with 63 Federal Register (FR) 51728.

Company Comments for Condition 5 (a) Nitrogen Oxide Requirements

(1) **Condition clarification**

The following change should be made to 5 (a) for all the boilers with alternative contemporaneous emission limitations: replace "a" with "the before "NO_x" and add "year" after "one calendar."

OAQ Staff Response

The changes will be made as requested.

(2) **Condition change**

The following change should be made to 5 (a) for all the boilers with alternative contemporaneous emission limitations (ACEL): the phrase "in addition" in the last sentence of the paragraph above should be changed to "under the plan"

OAQ Staff Response

The suggested change does not convey the same meaning and will not be made.

(3) **Regarding ACAEL**

The following change should be made to 5 (a) for all the boilers with alternative contemporaneous annual emission limitations: IPL would like to confirm that the heat input limitations are limits in so much as it relates to the alternative contemporaneous annual emission limitations and do not replace artificial limits on the capacity of the

affected boiler. If a utility wishes to demonstrate compliance under 40 CFR 76.11, they must meet the heat input limitations. However, if the utility cannot meet the heat input limitations described at 40 CFR 76.11(a) the generating units subject to the alternative contemporaneous annual emission limitations should ensure compliance with the limits contained in part 76 as written, or the unit must demonstrate compliance using the provisions under 40 CFR 76.11(d)(1)(ii).

OAQ Staff Response

In condition 5, subconditions (b)(2), (c)(2), and (d)(2) set out how the source may demonstrate compliance with the NO_x emissions limitations. To clarify the requirement, the words "as specified in (1) above" have been added to the end of each of these paragraphs.

(4) Company Comment

It should be noted the 40 CFR 76.8 which addresses early election for Group 1 boilers to 40 CFR 76.8 which address early election for Group I, Phase II boilers, does not subject Group I boilers to 40 CFR 76.7 (Phase II NO_x emission limitations) until January 1, 2008. Up to that point, Group I boilers are subject to 40 CFR 76.5 (Phase I NO_x emission limitations). Furthermore, 40 CFR 76.1(c), states that "a coal-fired substitution unit that is designated in a substitution plan that is approved as of January 1, 1995 shall be treated as a Phase I coal fired utility unit for the purpose of this part". It should be noted that IPL has identified all the Title IV units in the approved substitution plan. Hence, IPL electric generating units are to be treated under Part 76 as a Phase I units and subject to a 0.45 Lb./mmBtu annual system average NO_x limitation in the IPL NO_x Averaging plan. The wording should be changed as follows:

Under the plan, the actual Btu-weighted annual average NO_x emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NO_x emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, ~~76.6, or 76.7~~, ~~except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7.~~ If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.

OAQ Staff Response

OAQ will remove the reference to alternative compliance limitations.

(5) Company Comment on subcondition (d)

This section should include the turbines GT4, GT5, and proposed GT6.

OAQ Staff Response

Turbine units GT4, GT5 and GT6 will be added to clarify that they are not subject to Title IV requirements limiting their NO_x emissions.

The revisions to condition 5 (b) are set out below and corresponding changes were made in 5(c) and 5(d):

- (1) Pursuant to 40 CFR 76.11, the Department of Environmental Management, Office of Air Quality approves ~~a~~ **the** NO_x emissions averaging plans **s** for this unit. Each plan is effective for one calendar **year** for the years 2000, 2001, 2002, 2003, and 2004. Under each plan, this unit's NO_x emissions shall not exceed the alternative contemporaneous annual emission limitation of 0.44 lb/mmBtu. In addition, this unit shall not have an annual heat input less than 6,797,000

mmBtu.

- (2) Under each plan, the actual Btu-weighted annual average NO_x emission rate for the units ... then this unit shall be deemed in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit, **as specified in (1) above.**

Company Comments on Condition 7, Recordkeeping and Reporting Requirements

The retention of records on site for a period of five (5) years may present a problem of adequate storage space. It is IPL's understanding that it is acceptable to have three years of records on site and two (2) additional years at a remote site. It is requested that IDEM include this record retention arrangement in the permit.

OAQ Staff Response

The wording of the condition has been taken from the requirements of 40 CFR 72.9(f). The requirement states that records are to be kept on site for five (5) years. The condition will not be changed. Condition 7 (a)(2) does state that emissions monitoring information that is collected in accordance with 40 CFR 75.54 only has to be retained on site for 3 years.

Company Comment IDEM Spreadsheet for NO_x Averaging Plan

The spreadsheet prepared by IDEM staff for the phase NO_x averaging plan requires a correction in the formula Column (a) * Column (b) = Column (d) to Column (a) * Column (c) = Column (d).

OAQ Staff Response

The correction is noted.

OAQ Staff Change Under Condition 4, Sulfur Dioxide Requirements

The combustion turbine units GT4, GT5 and GT6 are being added to clarify that the turbines are classified as affected units but have not been allocated any sulfur dioxide (SO₂) allowances.

SO ₂ Allowance Allocations for Unit GT4					
year	2000	2001	2002	2003	2004
tons	NA**	NA**	NA**	NA**	NA**

SO ₂ Allowance Allocations for Unit GT5					
year	2000	2001	2002	2003	2004
tons	NA**	NA**	NA**	NA**	NA**

SO ₂ Allowance Allocations for Unit GT6					
year	2000	2001	2002	2003	2004
tons	NA**	NA**	NA**	NA**	NA**

* * these units have no SO₂ allowance allocations from U.S. EPA. The allowances shall be obtained from other sources to account for the SO₂ emissions from these units as required by 40 CFR 72.9(c).

OAQ staff changes: the following changes are being made to clarify permit conditions

2 Standard Permit Requirements [326 IAC 21]

~~The owners and operators of each affected source and each affected unit at the source shall:~~

~~(a) Submit a complete Acid Rain permit application, by submitting a sulfur dioxide application and compliance plan in accordance with the deadlines in 40 CFR 72.30; and~~

~~(b) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the IDEM, OAM.~~

(a) The designated representative has submitted a complete acid rain permit application in accordance with the deadlines in 40 CFR 72.30.

(b) The owners and operators of each affected source and each affected unit shall operate the unit in compliance with this acid rain permit.

3 Monitoring Requirements [326 IAC 21]

(a) The owners and operators . . . shall comply with the monitoring requirements as provided in 40 CFR 75. ~~and 76.~~

(b) The emissions measurements recorded and reported in accordance with 40 CFR 75 ~~and 76~~ shall be used to . . . Acid Rain Program.

4 Sulfur Dioxide Requirements [326 IAC 21]

(a) The owners and operators of each source and each affected unit at the source shall:

(1) Hold allowances, as of the allowance transfer deadline (as defined in 40 CFR ~~73.35~~ **72.2**), in the unit's compliance subaccount, . . .

(2) . . .

(b) . . .

(c) . . .

(d) . . .

(e) An allowance shall not be deducted in order to comply with the requirements **under subcondition (a)(1) of this condition** ~~the sulfur dioxide requirements~~ prior to the calendar year for which the allowance was allocated.

(f) . . .

(g) . . .

(h) . . .

(j) Sulfur dioxide allowances shall be allocated to each unit at the source as follows:

SO ₂ Allowance Allocations for Unit . . .					
year	2000	2001	2002	2003	2004
Tons	. . . *	. . . *	. . . *	. . . *	. . . *

~~*The number of allowances allocated to Phase II affected units by U.S. EPA may change in a revision to 40 CFR 73 Tables 2, 3, and 4 and 326 IAC 21. In addition, the number of allowances actually held by an affected source in a unit account may differ from the number allocated by U.S. EPA. Neither of the aforementioned conditions necessitate a revision to the unit SO₂ allowance allocations identified in this permit (See 40 CFR~~

~~72.84).~~

* The number of allowances actually held by an affected source in a unit account may differ from the number allocated by U.S. EPA. Allowance allocations to, transfer to, and deductions from an affected unit's Allowance Tracking System account do not require a revision to the SO₂ allowance allocation(s) identified in this permit (See 40 CFR 72.84).

6. Excess Emissions Requirements for Sulfur Dioxide and Nitrogen Oxides [40 CFR 77] [326 IAC 21].

(a) . . .

(b) The designated representative shall submit such required information to:

Indiana Department of Environmental Management
Air Compliance Section I, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

Ms. Cecilia Mijares
Air and Radiation Division
U.S. Environmental Protection Agency, Region V
77 West Jackson Boulevard
Chicago, IL 60604-3590

and

U.S. Environmental Protection Agency
Clean Air Markets Division
1200 Pennsylvania Avenue, NW
Mail Code (6204N)
Washington, DC 20460

~~(c) Submit required information to the appropriate authority(ies) as specified in 40 CFR 72.90 subpart I and 40 CFR 75.~~

10. Liability [326 IAC 21]

(a) . . .
(b) . . .
(c) . . .
(d) . . .
(e) . . .
(f) . . .

(g) Each violation of a provision of 40 CFR **parts** 72, 73, 74, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Clean Air Act.

**Indiana Department of Environmental Management
Office of Air Management**

**Revision to the
Acid Rain Phase II Permit**

Source: Elmer W. Stout Generating Station
Address: 3700 South Harding Street, Indianapolis, IN 46217
ORIS Code: 990
Air Rain Permit No.: AAR097-10326-00033
Permit Reviewer: Robert Ondrusek

The following Significant Modification, Sulfur Dioxide Allowances Reallocation, and Administrative Amendments are being made to the operation permit AR097-5106-00033, issued on December 31, 1997 for Elmer W. Stout Generating Station for Units 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 50, 60, 70, GT4, GT5, and GT6.

Significant Modification

The permit issued on December 31, 1997 contained only general Nitrogen Oxide emission requirements. Pursuant to 40 CFR 76.11, Emission Averaging Limitations are being incorporated into the permit.

NO_x emission in the permit issued on December 31, 1997.

Nitrogen Oxides Requirements [326 IAC 21]

- (a) The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides (NO_x).
- (b) The designated representative shall submit a timely and complete permit application and compliance plan for NO_x emissions for each Phase II affected unit at the source to IDEM, OAM and U.S.EPA by January 1, 1998, in accordance with 40 CFR 76.9.

The designated representative shall submit required information to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

U.S. Environmental Protection Agency
Acid Rain Program (6204J)

Attn.: Phase II NO_x
401 M Street, SW
Washington, DC 20460

and

Indianapolis Environmental Resources Mgmt. Division
Air Quality Management Section
Administration Building
2700 South Belmont Ave.
Indianapolis, Indiana 46221

- (c) After receipt of the required information, IDEM, OAM will reopen and revise the Acid Rain portion of the source's operating permit to add Acid Rain Program NO_x requirements, in accordance with 40 CFR 76.
- (d) The reopening in (c) shall not affect the term of the acid rain portion of the source's operating permit. [40 CFR 72.85(d)]
- (e) Upon application by a source and approval by the Commissioner, an Alternative Emissions Limit (AELs) may be granted to a unit in accordance with 40 CFR 76.10.

Revised Nitrogen Oxides Requirements

E.1.5 Nitrogen Oxides Requirements [326 IAC 21]

The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides (NO_x).

NO_x Emission Averaging Plan for Unit 50:

- (a) Pursuant to 40 CFR 76.11, the Department of Environmental Management, Office of Air Management approves NO_x emissions averaging plans for this unit. Each plan is effective for one calendar for the years 2000, 2001, 2002, 2003, and 2004. Under each plan, this unit's NO_x emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.44 lb/mmBtu. In addition, this unit shall not have an annual heat input less than 6,797,000 mmBtu.
- (b) Under the plan, the actual Btu-weighted annual average NO_x emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NO_x emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.

- (c) In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.

NO_x Emission Averaging Plan for Unit 60:

- (a) Pursuant to 40 CFR 76.11, the Department of Environmental Management, Office of Air Management approves NO_x emissions averaging plans for this unit. Each plan is effective for one calendar for the years 2000, 2001, 2002, 2003, and 2004. Under each plan, this unit's NO_x emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.45 lb/mmBtu.
- (b) Under the plan, the actual Btu-weighted annual average NO_x emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NO_x emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.
- (c) In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.

NO_x Emission Averaging Plan for Unit 70:

- (a) Pursuant to 40 CFR 76.11, the Department of Environmental Management, Office of Air Management approves NO_x emissions averaging plans for this unit. Each plan is effective for one calendar for the years 2000, 2001, 2002, 2003, and 2004. Under each plan, this unit's NO_x emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.40 lb/mmBtu. In addition, this unit shall not have an annual heat input less than 25,412,000 mmBtu.
- (b) Under the plan, the actual Btu-weighted annual average NO_x emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NO_x emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.
- (c) In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.

Turbines GT4 and GT5 are not subject to Nitrogen Oxides emissions limitation requirements.

Oil fired boilers 9 and 10 are not subject to Nitrogen Oxides emissions limitation requirements.

Sulfur Dioxide Allowances Reallocation

Under Sulfur Dioxide Requirements [26 IAC 21]

The reference to sulfur dioxide allowances allotments for 1998 and 1999 has been removed from the Phase II Permit. The Phase I permit governs the sulfur dioxide emissions for 1998 and 1999. The removal of the reference clarifies that Phase II does not take effect until January 1, 2000. EPA has reallocated the allowances SO₂ for the Phase II. The reallocated allowances are shown in the revised SO₂ wording.

Existing wording in the permit issued December 31, 1997, on page 4 of 10

(j) Sulfur dioxide allowances shall be allocated to each unit at the source as follows:

SO₂ Allowance Allocations for Unit 1

A Retired Unit Exemption has been submitted. |

SO₂ Allowances for Unit 2

A Retired Unit Exemption has been submitted. |

SO₂ Allowances for Unit 3

A Retired Unit Exemption has been submitted. |

SO₂ Allowances for Unit 4

A Retired Unit Exemption has been submitted. |

SO₂ Allowances for Unit 5

A Retired Unit Exemption has been submitted. |

SO₂ Allowances for Unit 6

A Retired Unit Exemption has been submitted

SO₂ Allowances for Unit 7

A Retired Unit Exemption has been submitted. |

SO₂ Allowances for Unit 8

A Retired Unit Exemption has been submitted. |

(j) Sulfur dioxide allowances shall be allocated to each unit at the source as follows:

SO₂ Allowances for Unit 9

(1) 1998 - Not applicable

(2) 1999 - Not applicable

(3) 2000 - 1*

(4) 2001 - 1*

(5) 2002 - 1*

- (6) 2003 - 1*
- (7) 2004 - 1*

SO₂ Allowances for Unit 10

- (1) 1998 - Not applicable
- (2) 1999 - Not applicable
- (3) 2000 - 2*
- (4) 2001 - 2*
- (5) 2002 - 2*
- (6) 2003 - 2*
- (7) 2004 - 2*

SO₂ Allowances for Unit 50

- (1) 1998 - Not applicable
- (2) 1999 - Not applicable
- (3) 2000 - 1,661*
- (4) 2001 - 1,661*
- (5) 2002 - 1,661*
- (6) 2003 - 1,661*
- (7) 2004 - 1,661*

SO₂ Allowances for Unit 60

- (1) 1998 - Not applicable
- (2) 1999 - Not applicable
- (3) 2000 - 2,040*
- (4) 2001 - 2,040*
- (5) 2002 - 2,040*
- (6) 2003 - 2,040*
- (7) 2004 - 2,040*

SO₂ Allowances for Unit 70

- (1) 1998 - Not applicable
- (2) 1999 - Not applicable
- (3) 2000 - 10,098*
- (4) 2001 - 10,098*
- (5) 2002 - 10,098*
- (6) 2003 - 10,098*
- (7) 2004 - 10,098*

SO₂ Allowances for Unit GT4

- (1) 1998 - Not applicable
- (2) 1999 - Not applicable
- (3) 2000 - 0
- (4) 2001 - 0
- (5) 2002 - 0
- (6) 2003 - 0
- (7) 2004 - 0

SO₂ Allowances for Unit GT5

- (1) 1998 - Not applicable
- (2) 1999 - Not applicable
- (3) 2000 - 0
- (4) 2001 - 0

- (5) 2002 - 0
- (6) 2003 - 0
- (7) 2004 - 0

*The number of allowances allocated to Phase II affected units by U.S. EPA may change in a revision to 40 CFR 73 Tables 2, 3, and 4 and 326 IAC 21. In addition, the number of allowances actually held by an affected source in a unit account may differ from the number allocated by U.S. EPA. Neither of the aforementioned conditions necessitate a revision to the unit SO₂ allowance allocations identified in this permit (See 40 CFR 72.84).

Revisd Sulfur Dioxide Allowances Reallocation

- (j) Sulfur dioxide allowances shall be allocated to each unit at the source as follows:

SO₂ Allowance Allocations for Unit 1
A Retired Unit Exemption has been approved.

SO₂ Allowances for Unit 2
A Retired Unit Exemption has been approved.

SO₂ Allowances for Unit 3
A Retired Unit Exemption has been approved.

SO₂ Allowances for Unit 4
Retired Unit Exemption has been approved.

SO₂ Allowances for Unit 5
A Retired Unit Exemption has been approved.

SO₂ Allowances for Unit 6
A Retired Unit Exemption has been approved.

SO₂ Allowances for Unit 7
A Retired Unit Exemption has been approved.

SO₂ Allowances for Unit 8
A Retired Unit Exemption has been approved.

Sulfur dioxide allowances shall be allocated to each unit at the source as follows:

SO₂ Allowance Allocations for Unit 50

year	2000	2001	2002	2003	2004
Tons	1,673*	1,673*	1,673*	1,673*	1,673*

SO₂ Allowance Allocations for 60

year	2000	2001	2002	2003	2004
tons	2,057*	2,057*	2,057*	2,057*	2,057*

SO ₂ Allowance Allocations for Unit 70					
year	2000	2001	2002	2003	2004
Tons	10,177*	10,177*	10,177*	10,177*	10,177*

*The number of allowances allocated to Phase II affected units by U.S. EPA may change in a revision to 40 CFR 73 Tables 2, 3, and 4 and 326 IAC 21. In addition, the number of allowances actually held by an affected source in a unit account may differ from the number allocated by U.S. EPA. Neither of the aforementioned conditions necessitate a revision to the unit SO₂ allowance allocations identified in this permit (See 40 CFR 72.84).

Administrative Amendment

Under Permit Requirements [326 IAC 21]:

IDEM is changing the language in (a)(1) to avoid any possible confusion. The reference to nitrogen oxides will be removed. The compliance plan is to be accomplished with the deadlines established in 40 CFR 72.30.

Existing wording in the permit issued December 31, 1997, on page 2 of 10

- (f) The designated representative of each affected source and each affected unit at the source shall:
- (1) Submit a complete Acid Rain Permit application, by submitting a sulfur dioxide application and a ~~nitrogen oxide~~ compliance plan ~~under~~ in accordance with the deadlines in 40 CFR ~~72 before January 1, 1998~~ 72.30; and

Revised wording

- (a) The designated representative of each affected source and each affected unit at the source shall:
- (1) Submit a complete Acid Rain Permit application, by submitting a sulfur dioxide application and compliance plan in accordance with the deadlines in 40 CFR 72.30; and

Under Excess Emission Requirements [326 IAC 21] :

The reference to Asulfur dioxide® will be removed to clarify that the same requirements must be met if the unit has excess emissions of either sulfur dioxide or nitrogen oxide.

Existing wording in the permit issued December 31, 1997, page 7 of 9

- (b) the owners and operators of an affected unit that has excess emissions of sulfur dioxide in any calendar year shall:

Revised wording

The owners and operators of an affected unit that has excess emissions in any calendar year shall:

- (1) Pay to U.S. EPA without demand the penalty required, and pay to U.S. EPA upon demand the interest on that penalty, as required by 40 CFR 77 and 326 IAC 21; and
- (2) Comply with the terms of an approved sulfur dioxide offset plan, as required by 40 CFR 77 and 326 IAC 21.